

sector

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Randall et al.

Serial No.: 09/993,284

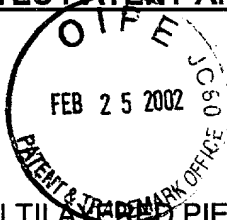
For: COFIRE MULTILAYERED PIEZOELECTRIC CERAMIC MATERIALS
WITH BASE METAL COMPLEXES

Filed: November 16, 2001

Examiner: Not Yet Assigned

Art Unit: 1731

Confirmation No.: 5378



**COPY OF PAPERS
ORIGINALLY FILED**

Attorney Docket: 823.0106USU

**BOX MISSING PARTS
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231**

Dear Sir:

**TRANSMITTAL OF MISSING PARTS OF APPLICATION AND
PAYMENT OF SURCHARGE UNDER 37 C.F.R. §1.16(e)**

Transmitted herewith are the following documents pertaining to the above-identified application:

- ☒ Declaration and Power of Attorney form executed by **Clive A. Randall, Amanda L. Baker, Yi Fang, Thomas Shrout**;
- ☒ 4 Sheets of Formal Drawings;
- ☒ An Assignment of the Invention to : **The Penn State Research Foundation**, including \$40.00 recordation fee and Assignment Recordation Cover Sheet;
- ☐ A Certified Copy of the Priority Application;
- ☐ Information Disclosure Statement (Form - 1449); and
- ☒ A copy of the Notice to File Missing Parts of Application Filing Date Granted.
- ☐ Petition and Fee for Extension of Time (37 CFR 1.136(A)).


The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$740.00
Total Claims	14 - 20 =	0	x \$18.00	\$
Independent Claims	1 - 3 =	0	x \$84.00	\$0
Multiple Dependent Claim Fee		x \$280.00 = \$0.00		
TOTAL FILING FEE		\$740		

1/2 FILING FEE FOR SMALL ENTITY	\$370
---------------------------------	-------

- ☒ A check in the amount of \$ **475.00** to cover the Filing Fee (\$370), Surcharge (\$65), and Assignment Recordation Fee (\$40) is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

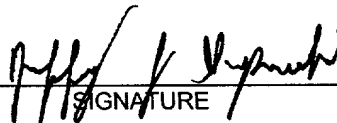
February 7, 2002
Date


Paul D. Greeley, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
Attorney for Applicant(s)
Registration No. 31,019
Telephone: (203) 327-4500
Telefax: (203) 327-6401

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: BOX MISSING PARTS, COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON **February 7, 2002**.

Jeffrey J. Scepanski
NAME.


SIGNATURE

02/07/02
DATE



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/993,284	11/16/2001		823.0106USU

CONFIRMATION NO. 5378

FORMALITIES LETTER



OC000000007170426

Paul D. Greeley, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
10th Floor
One Landmark Square
Stamford, CT 06901-2682



COPY OF PAPERS
ORIGINALLY FILED

Date Mailed: 12/07/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

02/28/2002 HDEMESS1 00000026 09993284

FILED UNDER 37 CFR 1.53(b)

01 FC:201 370.00 OP
02 FC:205 65.00 OP

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 435.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));

*A copy of this notice **MUST** be returned with the reply.*

72

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Flow rate	1.0	L/min
Wavelength	254	nm
Scan rate	10	nm/min
Resolution	0.2	nm
Integration time	1.0	s
Injection volume	10	μL
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Column	Agilent ZORBAX SB-C18	
Column length	150	mm
Column ID	4.6	mm
Particle size	5	μm
Flow rate	1.0	mL/min
Temperature	30	°C
Detection	UV 254	
Injection	10 μL	
Sample	100 μg/mL	
Standard	100 μg/mL	
Mobile phase	Water/A	